

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032321\
 Data File : BF123424.D
 Acq On : 24 Mar 2021 5:57
 Operator : JU/CG
 Sample : M1779-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3B1-(3.0-3.5)

Quant Time: Mar 24 06:35:18 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 23 15:58:35 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

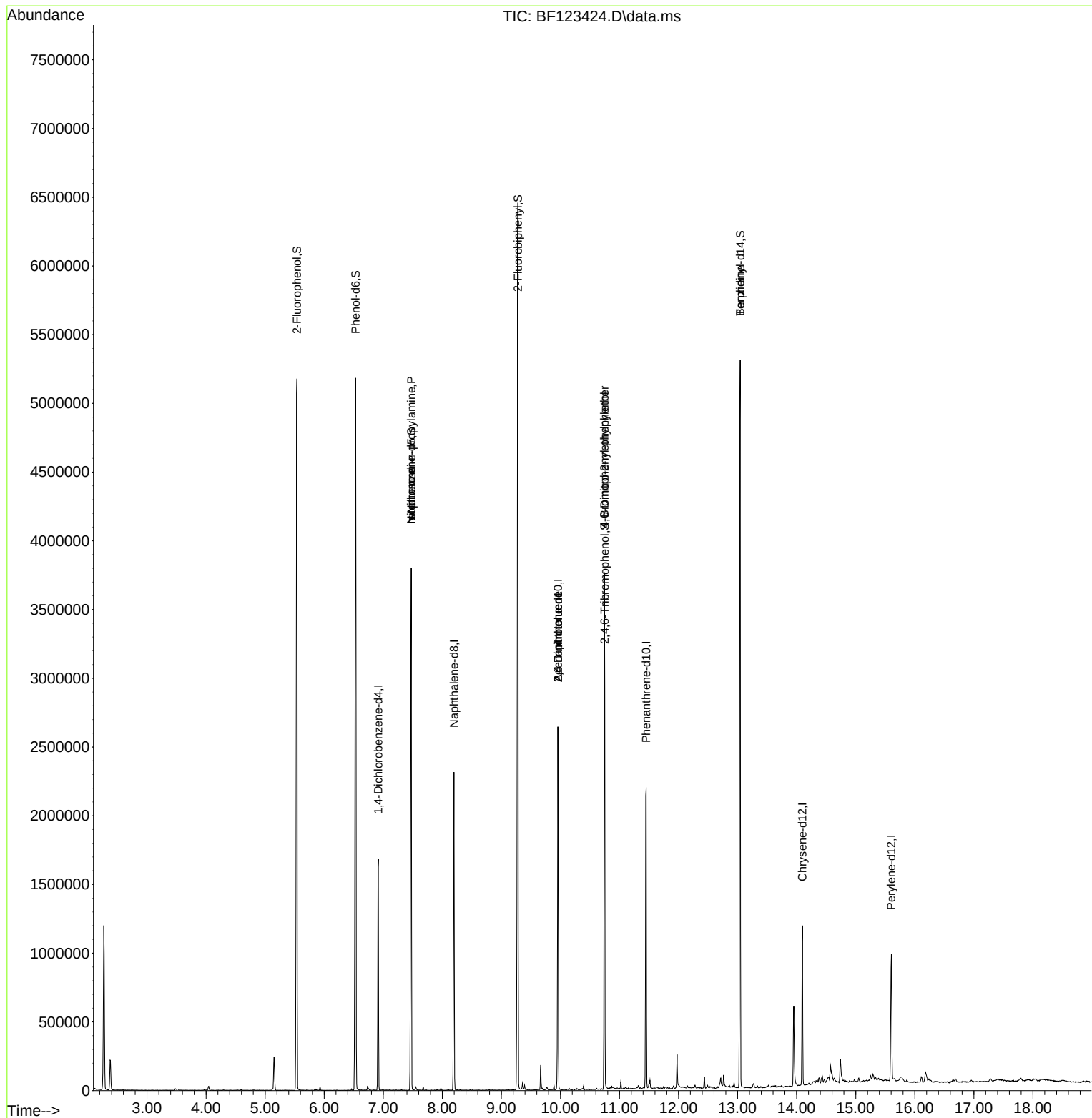
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	255720	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	952817	20.00	ng	# 0.00
39) Acenaphthene-d10	9.957	164	521580	20.00	ng	0.00
64) Phenanthrene-d10	11.451	188	806338	20.00	ng	0.00
76) Chrysene-d12	14.098	240	395664	20.00	ng	0.00
86) Perylene-d12	15.604	264	441522	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1413821	90.45	ng	0.02
7) Phenol-d6	6.534	99	1815640	87.26	ng	0.00
23) Nitrobenzene-d5	7.475	82	1227215	69.51	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	427437	73.30	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	2240342	61.36	ng	0.00
79) Terphenyl-d14	13.045	244	1823054	78.09	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.463	77	254	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.475	70	169602	12.60	ng	# 81
25) Isophorone	7.475	82	1223731	32.24	ng	# 65
51) 2,6-Dinitrotoluene	9.957	165	66997	8.66	ng	# 31
57) 2,4-Dinitrotoluene	9.957	165	66997	6.94	ng	# 26
65) 4,6-Dinitro-2-methylph...	10.745	198	1006	5.33	ng	# 1
67) 4-Bromophenyl-phenylether	10.745	248	25227	2.64	ng	# 1
77) Benzidine	13.045	184	24438	2.07	ng	# 95

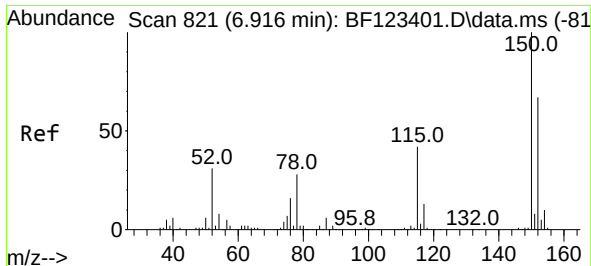
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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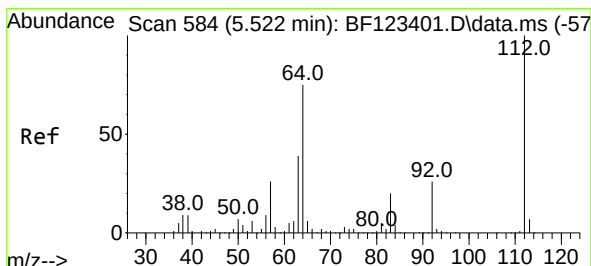
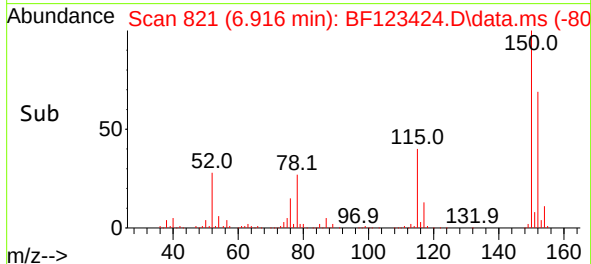
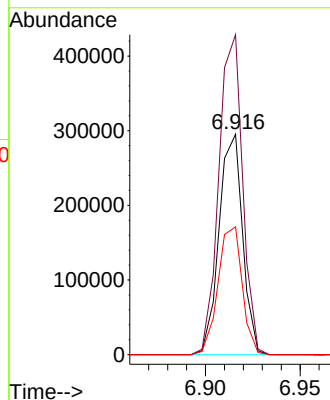
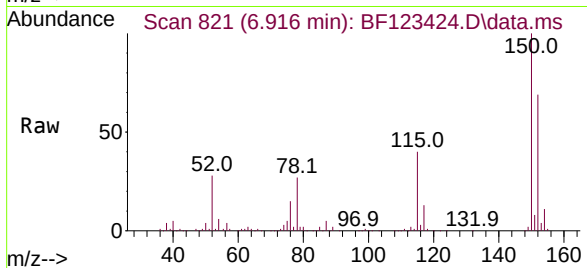




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF123424.D
Acq: 24 Mar 2021 5:57

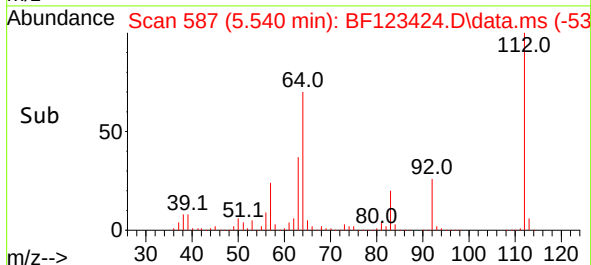
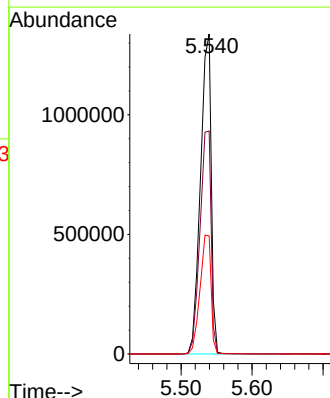
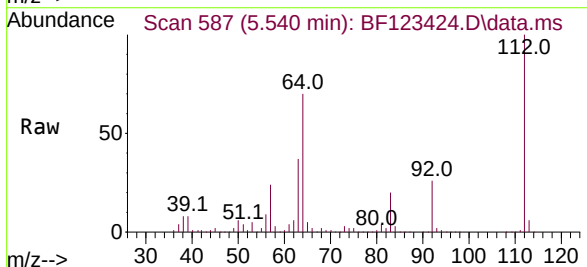
Instrument :
BNA_F
ClientSampleId :
SB-3B1-(3.0-3.5)

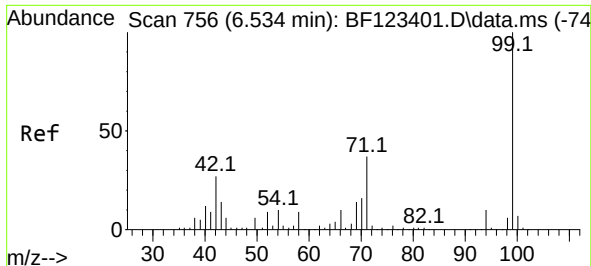
Tgt Ion:152 Resp: 255720
Ion Ratio Lower Upper
152 100
150 145.1 125.8 188.6
115 58.0 49.3 73.9



#5
2-Fluorophenol
Concen: 90.45 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.018 min
Lab File: BF123424.D
Acq: 24 Mar 2021 5:57

Tgt Ion:112 Resp: 1413821
Ion Ratio Lower Upper
112 100
64 69.7 46.9 70.3
63 36.9 24.5 36.7#

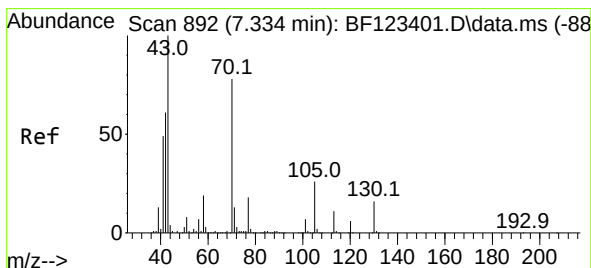
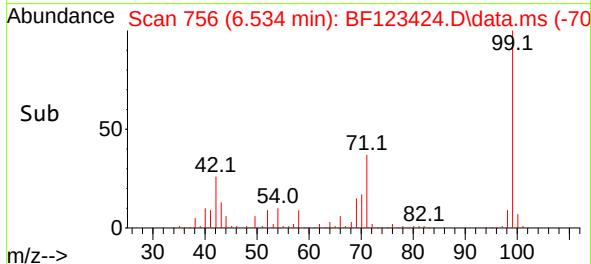
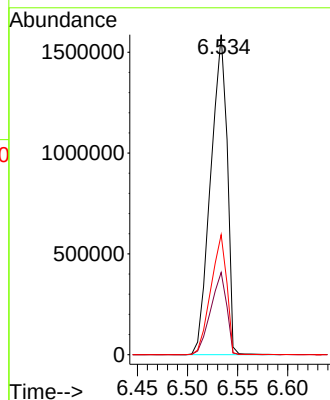
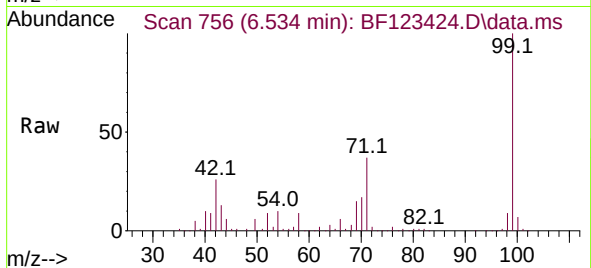




#7
Phenol-d6
Concen: 87.26 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF123424.D
Acq: 24 Mar 2021 5:57

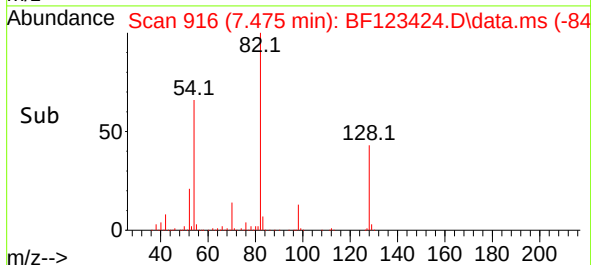
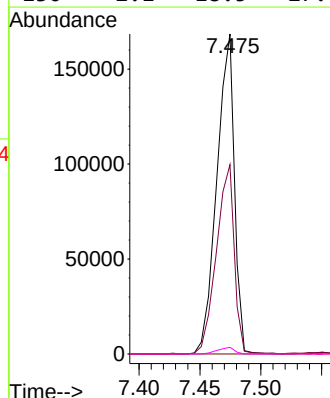
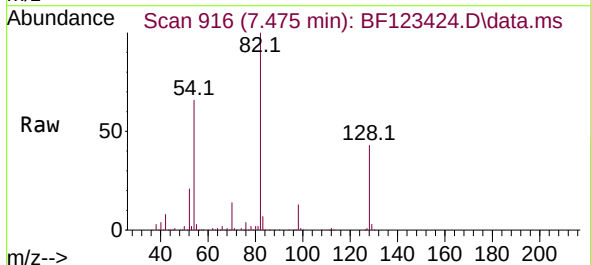
Instrument :
BNA_F
ClientSampleId :
SB-3B1-(3.0-3.5)

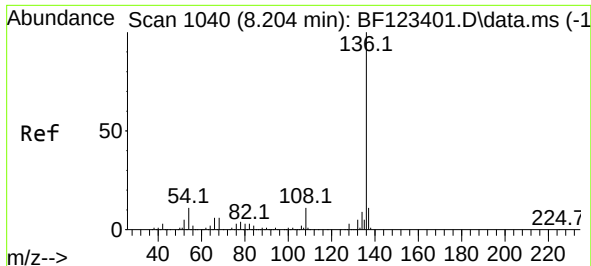
Tgt Ion: 99 Resp: 1815640
Ion Ratio Lower Upper
99 100
42 25.7 13.8 20.6#
71 37.5 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.60 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.141 min
Lab File: BF123424.D
Acq: 24 Mar 2021 5:57

Tgt Ion: 70 Resp: 169602
Ion Ratio Lower Upper
70 100
42 59.1 43.0 64.4
101 0.0 7.9 11.9#
130 2.1 18.5 27.7#

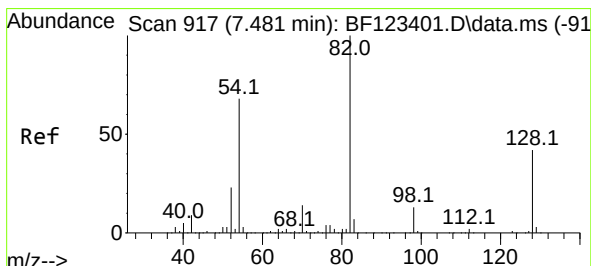
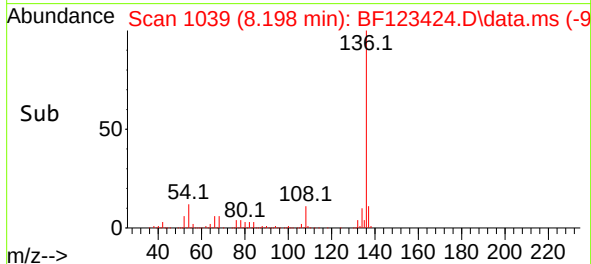
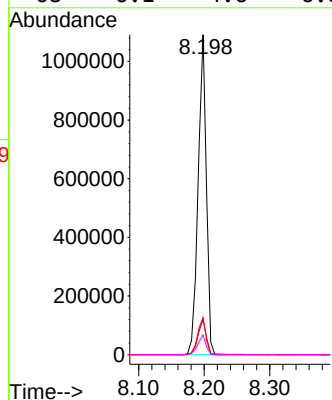
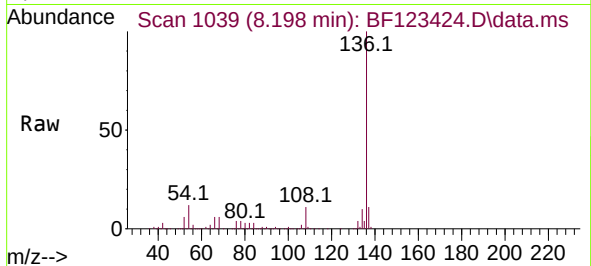




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF123424.D
Acq: 24 Mar 2021 5:57

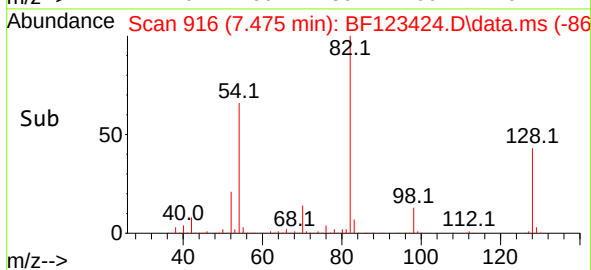
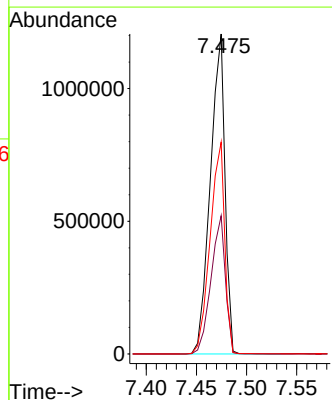
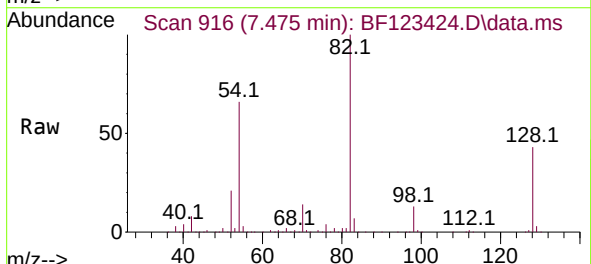
Instrument :
BNA_F
ClientSampleId :
SB-3B1-(3.0-3.5)

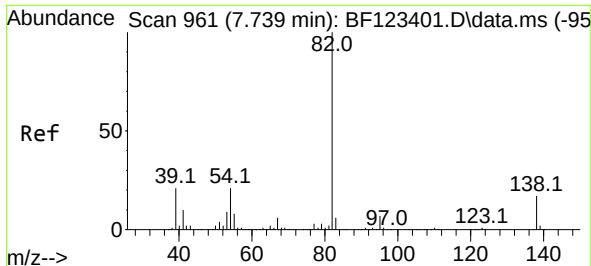
Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	11.6	5.5	8.3#
68	6.1	4.6	6.8



#23
Nitrobenzene-d5
Concen: 69.51 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF123424.D
Acq: 24 Mar 2021 5:57

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.2	37.0	55.4
54	66.2	38.4	57.6#

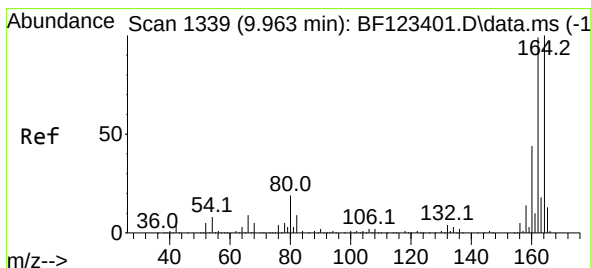
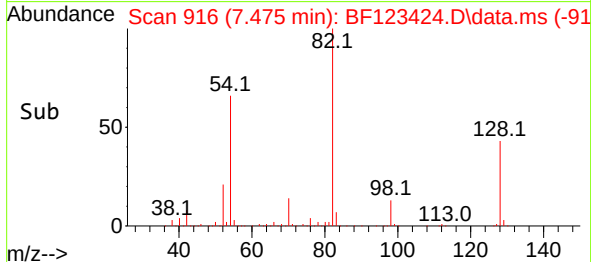
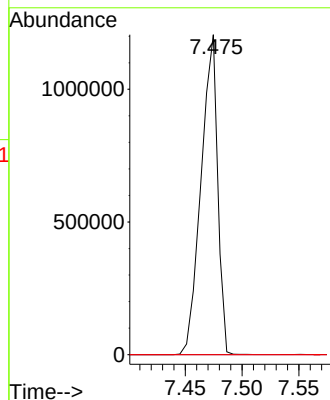
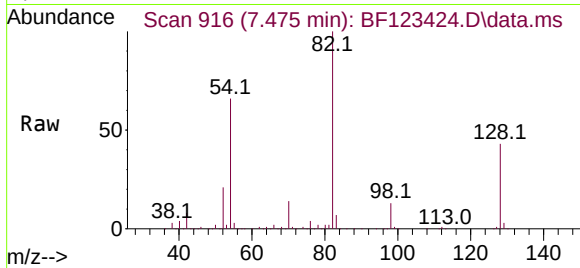




#25
Isophorone
Concen: 32.24 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.265 min
Lab File: BF123424.D
Acq: 24 Mar 2021 5:57

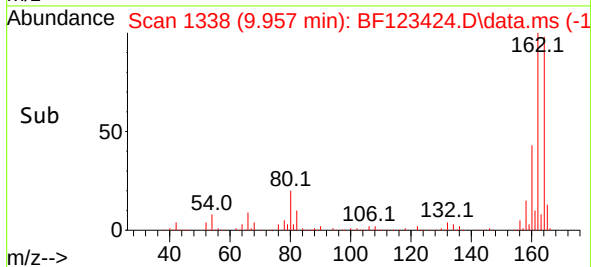
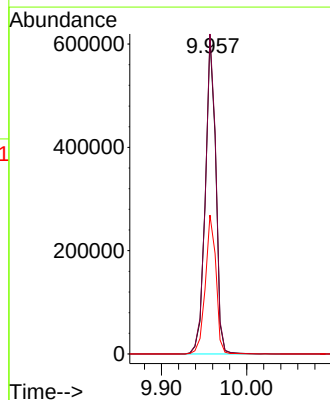
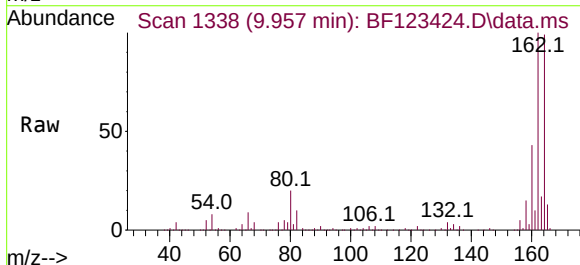
Instrument :
BNA_F
ClientSampleId :
SB-3B1-(3.0-3.5)

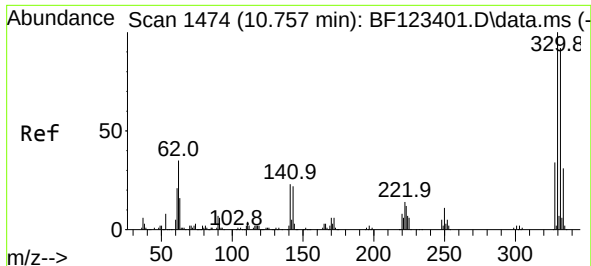
Tgt Ion: 82 Resp: 1223731
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF123424.D
Acq: 24 Mar 2021 5:57

Tgt Ion: 164 Resp: 521580
Ion Ratio Lower Upper
164 100
162 101.4 80.8 121.2
160 44.0 35.4 53.0

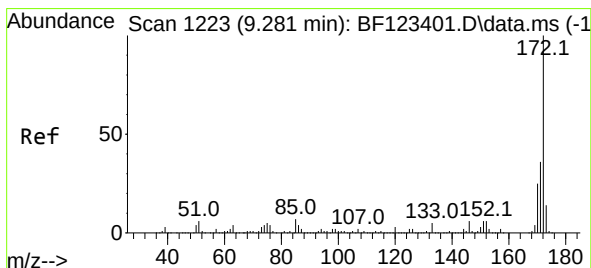
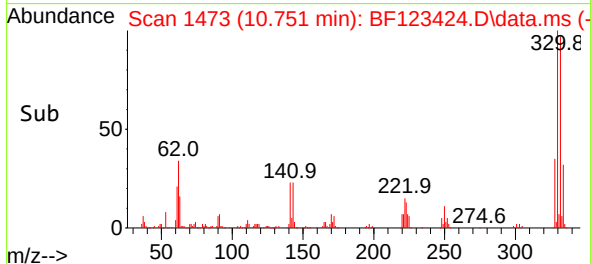
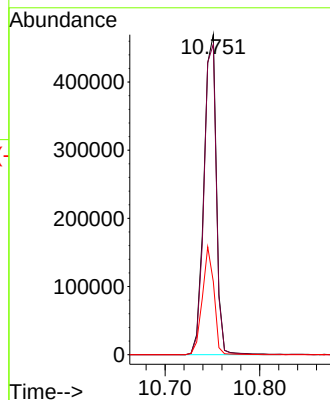
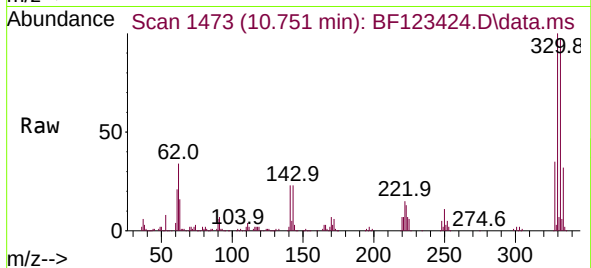




#42
2,4,6-Tribromophenol
Concen: 73.30 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BF123424.D
Acq: 24 Mar 2021 5:57

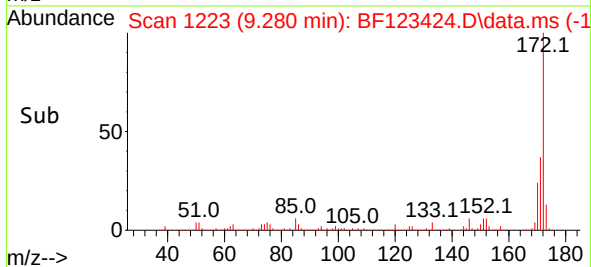
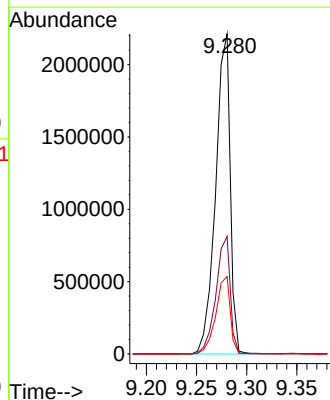
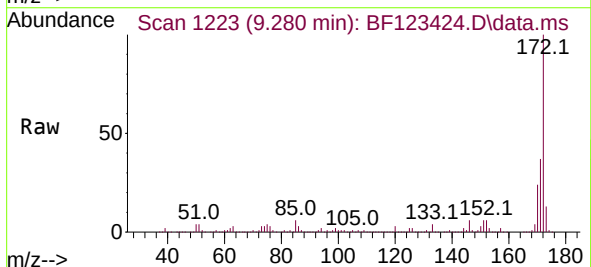
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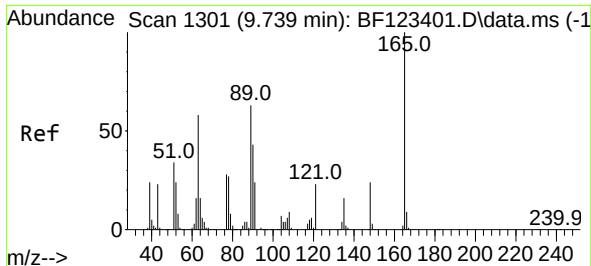
Tgt Ion: 330 Resp: 427437
Ion Ratio Lower Upper
330 100
332 97.2 77.5 116.3
141 31.6 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 61.36 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.001 min
Lab File: BF123424.D
Acq: 24 Mar 2021 5:57

Tgt Ion: 172 Resp: 2240342
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.2 19.5 29.3

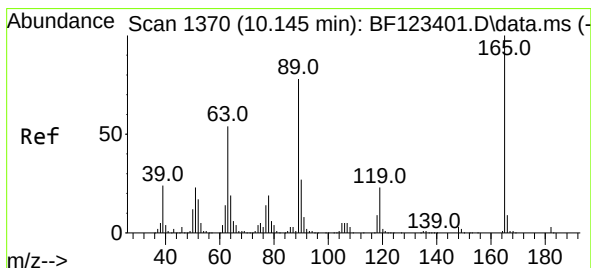
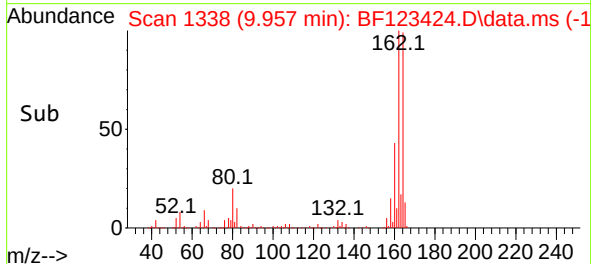
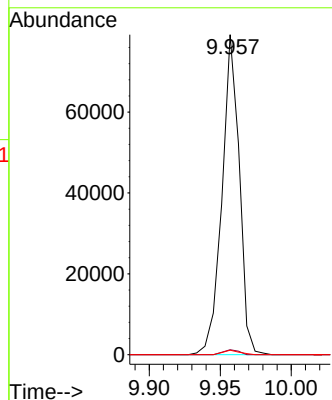
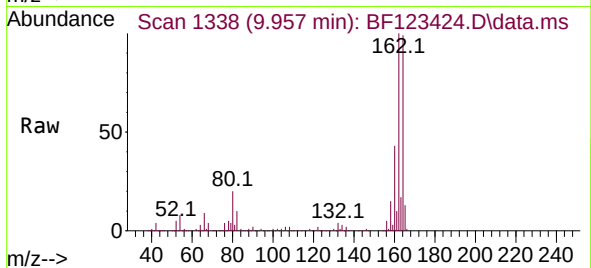




#51
2,6-Dinitrotoluene
Concen: 8.66 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.218 min
Lab File: BF123424.D
Acq: 24 Mar 2021 5:57

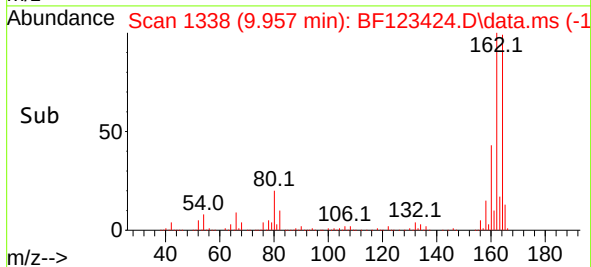
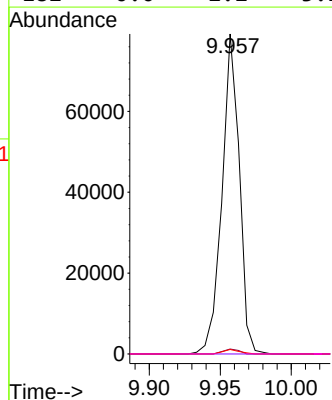
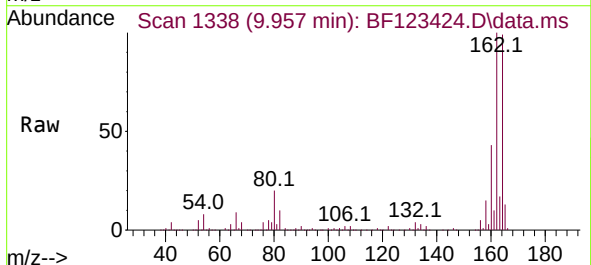
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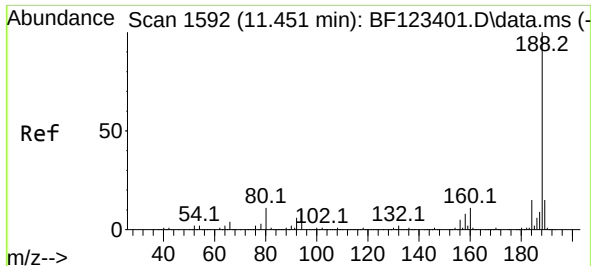
Tgt Ion:165 Resp: 66997
Ion Ratio Lower Upper
165 100
63 1.6 36.6 55.0#
89 1.4 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 6.94 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF123424.D
Acq: 24 Mar 2021 5:57

Tgt Ion:165 Resp: 66997
Ion Ratio Lower Upper
165 100
63 1.6 34.3 51.5#
89 1.4 55.2 82.8#
182 0.0 2.2 3.2#

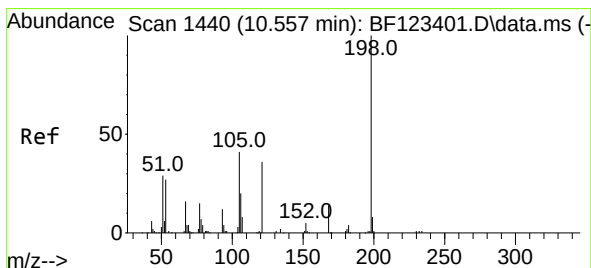
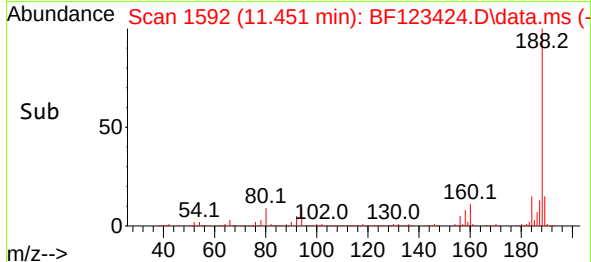
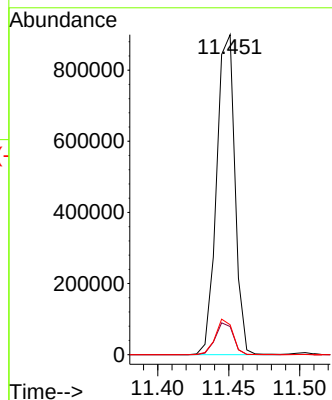
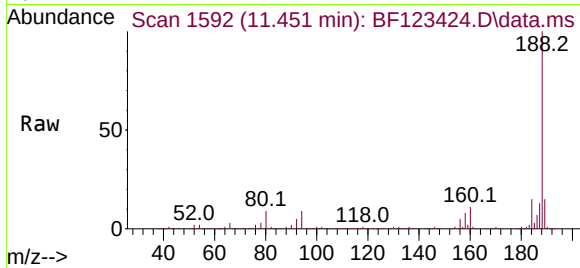




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BF123424.D
Acq: 24 Mar 2021 5:57

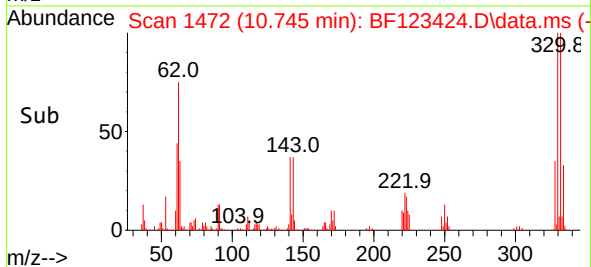
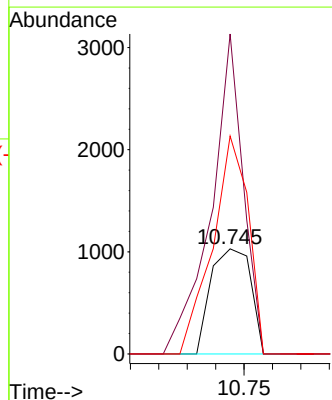
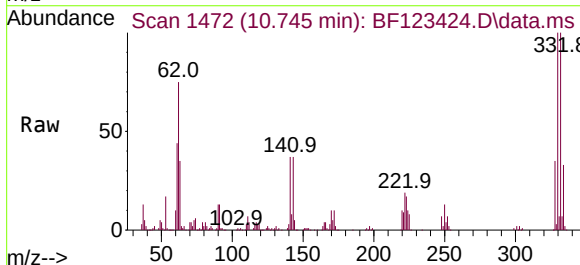
Instrument :
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SB-3B1-(3.0-3.5)

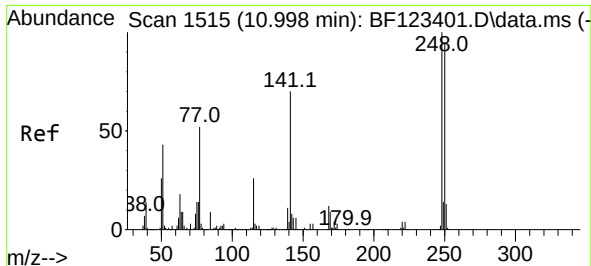
Tgt Ion:188 Resp: 806338
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 9.3 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.33 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.188 min
Lab File: BF123424.D
Acq: 24 Mar 2021 5:57

Tgt Ion:198 Resp: 1006
Ion Ratio Lower Upper
198 100
51 304.5 20.3 60.3#
105 207.3 23.0 63.0#

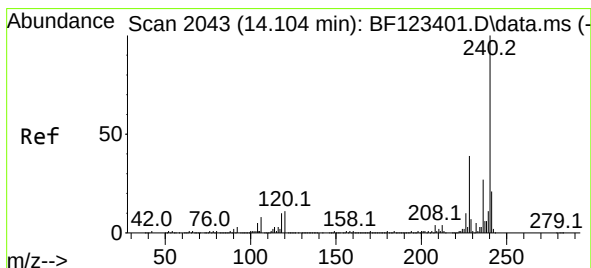
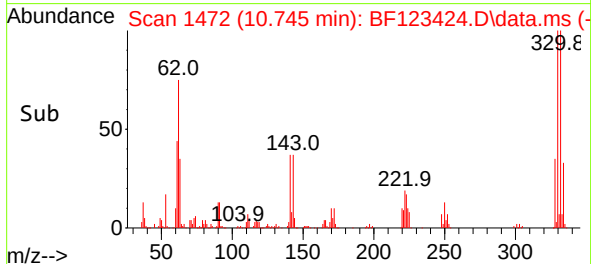
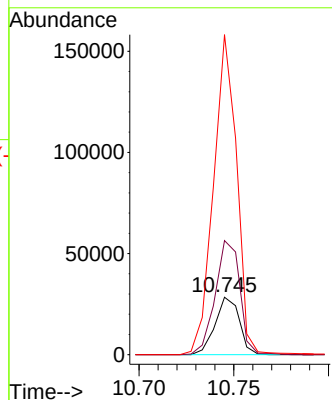
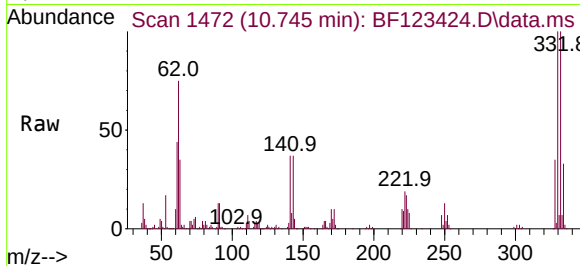




#67
4-Bromophenyl-phenylether
Concen: 2.64 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.253 min
Lab File: BF123424.D
Acq: 24 Mar 2021 5:57

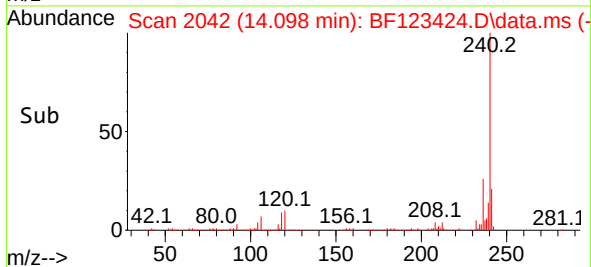
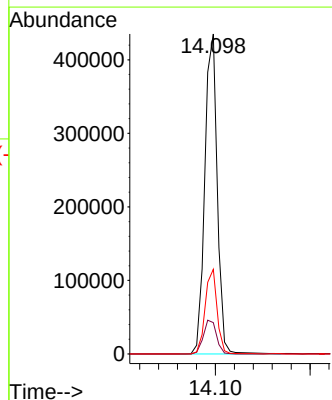
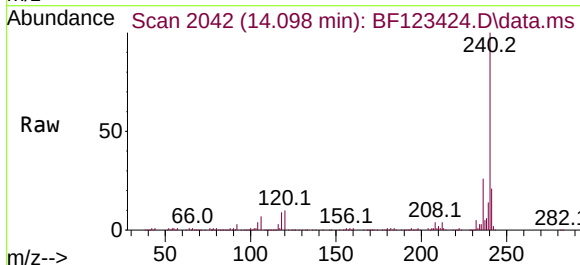
Instrument :
BNA_F
ClientSampleId :
SB-3B1-(3.0-3.5)

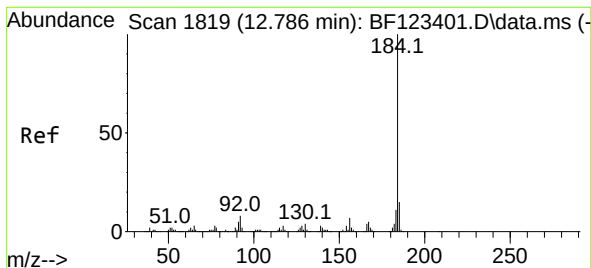
Tgt Ion:248 Resp: 25227
Ion Ratio Lower Upper
248 100
250 198.4 76.8 115.2#
141 556.3 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BF123424.D
Acq: 24 Mar 2021 5:57

Tgt Ion:240 Resp: 395664
Ion Ratio Lower Upper
240 100
120 9.8 8.6 12.8
236 26.5 20.3 30.5





#77

Benzidine

Concen: 2.07 ng

RT: 13.045 min Scan# 1863

Delta R.T. 0.259 min

Lab File: BF123424.D

Acq: 24 Mar 2021 5:57

Tgt Ion:184 Resp: 24438

Ion Ratio Lower Upper

184 100

185 13.7 11.8 17.6

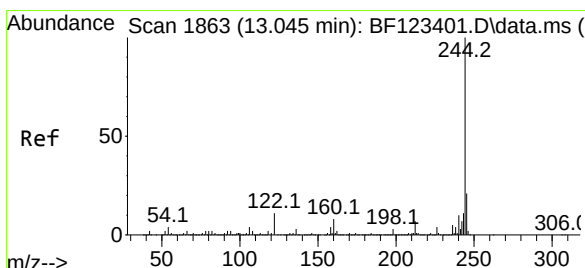
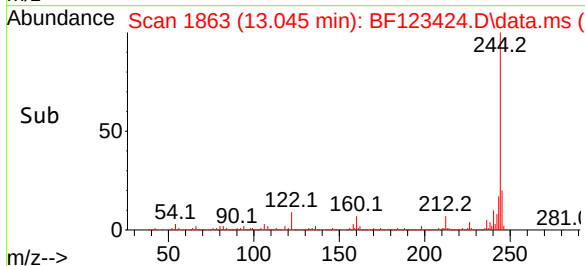
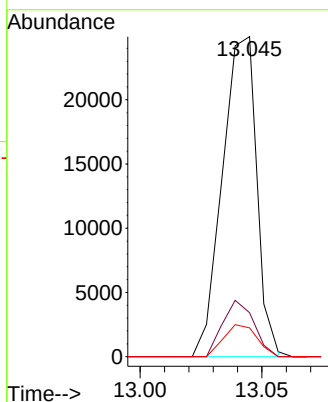
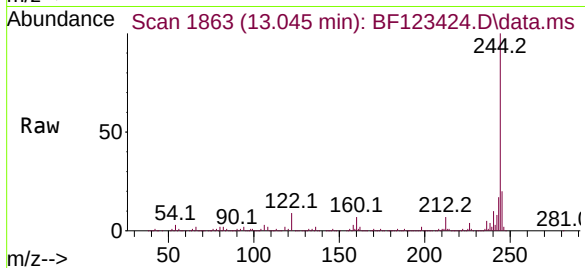
183 9.0 9.7 14.5#

Instrument :

BNA_F

ClientSampleId :

SB-3B1-(3.0-3.5)



#79

Terphenyl-d14

Concen: 78.09 ng

RT: 13.045 min Scan# 1863

Delta R.T. -0.000 min

Lab File: BF123424.D

Acq: 24 Mar 2021 5:57

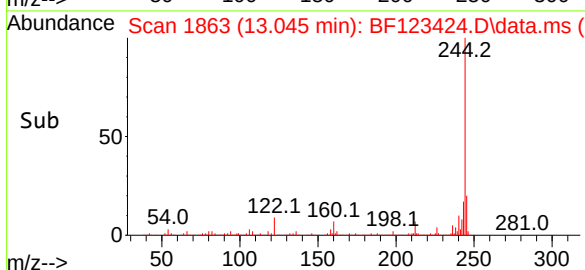
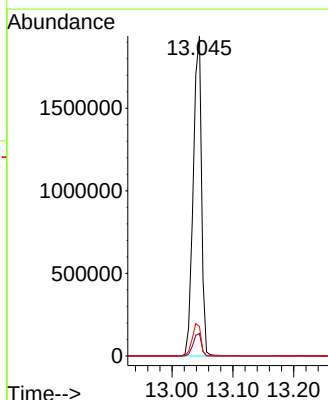
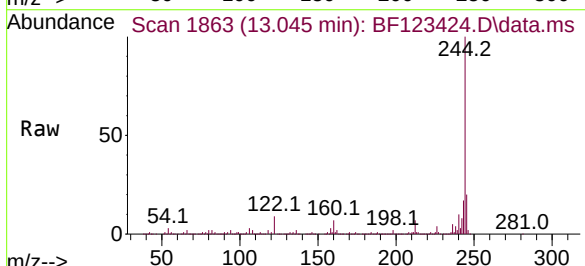
Tgt Ion:244 Resp: 1823054

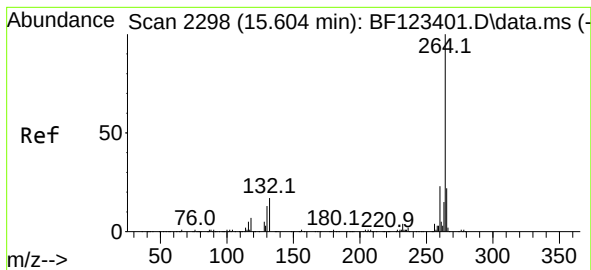
Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

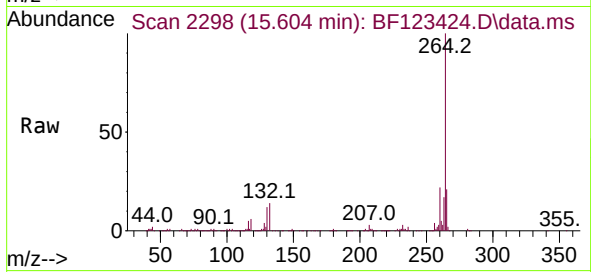
122 9.2 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.604 min Scan# 2298
 Delta R.T. -0.000 min
 Lab File: BF123424.D
 Acq: 24 Mar 2021 5:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-3B1-(3.0-3.5)



Tgt Ion:264 Resp: 441522
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.6 28.0
 265 21.2 17.0 25.6

